

## CLAIMS

1. A control system for internal combustion engine having a throttle valve in an air intake passage, comprising:

5           a sensor which is installed downstream from the throttle valve and measures an amount of air sucked by the internal combustion engine;

              a control device which calculates an injection amount of fuel based on the amount of air measured by the sensor; and

              an injector for fuel injection which injects fuel corresponding to the injection

10          amount calculated by the control device,

              wherein a distance between an installation position of the throttle valve and an installation position of the sensor is twice to four times a diameter of the air intake passage.

15          2. A control system for internal combustion engine according to claim 1, wherein the distance between the installation position of the throttle valve and the installation position of the sensor is between 44 mm and 66 mm.